

## PILE FABRIC

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Inventor(s): FUJII MIKIAKI; others: 02  
Applicant(s): TEIJIN LTD  
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EC Classification:  
Equivalents: JP3155130B2

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### Abstract

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**PURPOSE:** To obtain pile fabric substantially not causing the falling of the piles without causing troubles such as the hardening of the touch of the pile fabric, the coarse hardening of the surface touch or the formation of transparent parts in the weave texture and without increasing the production cost of the pile fabric.

**CONSTITUTION:** In pile fabric having a pile length of 1.4-2.5mm and a pile density of  $\leq 600000$  denier//inch<sup>2</sup>, the pile yarns composing the pile fabric comprises air-interlaced combined filament yarns at least partially containing crimped yarns.

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DERWENT-ACC-NO: 1995-159300

DERWENT-WEEK: 200122

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TITLE: Pile fabric, useful for vehicles - which is an  
air  
entangled combined filament yarn contg crimp  
yarn in at  
least part of yarn.

PATENT-ASSIGNEE: TEIJIN LTD[TEIJ]

PRIORITY-DATA: 1993JP-0228869 (September 14, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 07082656 A	March 28, 1995	N/A
004 D06C 027/00		
JP 3155130 B2	April 9, 2001	N/A
004 D06C 027/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 07082656A	N/A	1993JP-0228869
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JP 3155130B2	N/A	1993JP-0228869
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INT-CL (IPC): D02G003/04, D04B021/04 , D06C011/00 , D06C013/00 ,  
D06C027/00

ABSTRACTED-PUB-NO: JP 07082656A

BASIC-ABSTRACT:

A pile fabric has 1.4-2.5 mm of pile length, and 600 thousands denier  
per inch  
squared or less of pile density. The pile yarn constituting the pile  
fabric is  
air entangled combined filament yarn contg crimp yarn in at least a  
part of the  
yarn.

Pref pile density is 350 thousands-600 thousands per inch squared.  
Fineness of  
single fibre of the pile yarn is pref 2-4 d. The crimp yarn is  
exemplified side  
by side type or sheath core type conjugate filament, esp pref false  
twist yarn  
in the point of easiness of development of crimp. When the thread  
combined  
filament with the crimp yarn is uncrimped yarn, a pile fabric having  
increased  
deep or pale or depth of colour, and natural and high grade feeling  
is obt'd.  
The pile fibre include synthetic fibre such as polyester or nylon,  
natural  
fibre such as cotton, regenerated fibre such as rayon, esp pref  
polyester  
fibre.

USE/ADVANTAGE - The pile fabric is useful as seat fabric of interior  
material  
of vehicle. The pile fabric having no problem such as hardening of  
handling  
touch or occurring of see through of the ground weave or coarseness  
or  
hardening of the surface touch, and hardly occurring of falling of  
pile can be  
obt'd without cost up of the pile fabric.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PILE FABRIC USEFUL VEHICLE AIR ENTANGLE COMBINATION  
FILAMENT YARN  
CONTAIN CRIMP YARN PART YARN

DERWENT-CLASS: A23 A94 F04

CPI-CODES: A12-S05E; A12-S05J; A12-T04B; F01-E; F02-G03; F04-E03C;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

017 ; P0839\*R F41 D01 D63 ; S9999 S1183 S1161 S1070 ; S9999 S1274  
S1070 ; S9999 S1116\*R S1105 S1070 ; S9999 S1105\*R S1070

Polymer Index [1.2]

017 ; P0635\*R F70 D01 ; S9999 S1183 S1161 S1070 ; S9999 S1274  
S1070  
; S9999 S1116\*R S1105 S1070 ; S9999 S1105\*R S1070

Polymer Index [1.3]

017 ; R24078 R01852 G3634 G3623 D01 D03 D11 D10 D23 D22 D31 D42  
D50 D86 F24 F29 F26 F34 H0293 P0599 ; R24077\*R R01852 G3634 G3623  
D01 D03 D11 D10 D23 D22 D31 D42 D50 D86 F24 F29 F26 F34 H0293

P0599

; R24076 R24077 R01852 G3634 G3623 D01 D03 D11 D10 D23 D22 D31

D42

D50 D86 F24 F29 F26 F34 H0293 P0599 ; P0599 ; S9999 S1183 S1161

S1070 ; S9999 S1274 S1070 ; S9999 S1116\*R S1105 S1070 ; S9999

S1105\*R

S1070

Polymer Index [1.4]

017 ; B9999 B5254 B5243 B4740 ; ND10 ; K9927 ; Q9999 Q9234 Q9212

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SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:

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